

# **ELECTRICAL ISOLATION LAYER FOR GENERATOR STATOR STRAND ASSEMBLY AND OTHER USES**

## Abstract of the Disclosure

- 5           An electrical isolation layer capable of inhibiting, if not preventing, a first  
conductive material from electrically passing or bleeding into a second conductive  
material and thereby causing a high resistance connection among the conductive  
materials is provided. The isolation layer has particular application when arranged  
between a conductive roebel filler and conductive strands sheathed by a porous insulator  
10 carrying a high voltage within a stator of a dynamoelectric machine used in a power  
generation plant.